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PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

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REVOCATION AND SUBSTITUTE **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	See Attached Appendix A
Filing Date	See Attached Appendix A
First Named Inventor	See Attached Appendix A
Group Art Unit	Not yet known
Examiner Name	Not yet known
Attorney Docket Number	See Attached Appendix A

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I hereby re hereby ap		ious powers of attorne	y or authorizations of	agent giv	ven in the above-identified application, and I
⊠ P	ractitioner(s)	named below:			
No. 39,90	1; Matthew G		, 427; Donna T. Ward	, Reg. No	ort S. Andrews, Reg. No. 44,508; Neil Bartfeld Reg. D. 48,271; Kenneth Tarbet, Reg. No. 43,181; Laura DI, Reg. No. 47,668.
as my/our Patent and	attorney(s) o d Trademark	r agent(s) to prosecute Office connected there	e the application ident with.	ified abov	ve, and to transact all business in the United States
Please ch	ange the con	espondence address t	o, and associate the	above-ide	entified application with:
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⊠ P	ractitioners a	it Customer Number			RECEIVED
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Telephone				Fax	
Assi		r. d of 100% interest. Se 37 CFR 3.73(b) is encl		3/96).	
		SIGNATURE	of Applicant or Ass	signee of	Record
Name	B. Lynne	Parshall			
Title	Executive	Vice President			
Signature		· · · · · · · · · · · · · · · · · · ·	•	· · · · · · · · · · · · · · · · · · ·	
Date /	//	4/21/3			
NOTE: Signatures of a than one signature is r	all the inventor equired, see b	s or assignees of record of elow.	of the entire interest or t	heir repres	sentative(s) are required. Submit multiple forms if more
	are submitted				

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeoparatize the validity of the application or any patent issuing thereon.

Date

Signature

B. Lynne Parshall

Name

Executive Vice President and CFO

Title

23546/01000/SF/5097418.1

01	08/01/01	0521	012053	1635	C. Frank Bennett Susan M. Freier	09/920,671 08/01/2001 0REST Expression	297 23546-07666 09/920,671 Antisense Modulation of CoREST Expression	
01	09/24/01	0106	012201	1635	Brenda F. Baker Susan M. Freier		266 23546-07664 09/960,143 Br Antisense Modulation of Interleukin & Expression	RTS-0266 Title: Antise
/02	05/22/02	0176	012953	1645	Andrew T. Watt Expression	<u>- </u>	RTS-0213 23546-07663 10/154,708 05/22/2002 Title: Antisense Modulation of CDC-like Kinase	RTS-0213 Title: Antise
/02	05/31/02	0748	012975	0n 1635	020 23546-07661 10/161,983 Donna T. Ward 05/31/2002 Susan M. Freier	10/161,983 05/31/2002	020 23546-07661 10/161,983 05/31/2002 Antisense Modulation of Rb.2/-120 E	HTS-0020
/02	07/31/02	0152	013172	1653	Brett P. Monia Kenneth W. Dobie	10/211,859	23546-07660	
1/02	06/20/02	0242	013041	1645	Kenneth W. Dobie	10/178,258 06/20/2002	010 23546-07659 10/178,258 Kenneth 06/20/2002 Kenneth	HTS-0010 Title: Antis
9/02	06/29/02	0173	013076	1653	Donna T. Ward Kenneth W. Dobie	10/187,110 06/29/2002 ADAM12 Expressio	002 23546-07658 10/187,110 06/29/2002 Antisense Modulation of ADAM12 Expression	HTS-0002 Title: Antis
Recorded		Frame	Ree	CALS, INC	Assignce ISIS BHARMAGEUTICALS, INC. Application No. Assignors Group Art	Assignee Application No.	Ally Dodret No.	ON SIEI

Revised: May 8, 2003

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					pression	10sphalipase D2 Ex	Antisense Modulation of Phosphalipase D2 Expression	Title: Antise
	06/20/02	0407	013050	1645	C. Frank Bennett Kenneth W. Dobie	10/177,896 06/20/2002	23546-07705	
					Title: Antisense Modulation of G Protein-Coupled Receptor 39 Expression	Protein-Coupled R	ense Modulation of G	Title: Antise
	06/17/02	8110	013023	1646	Brett P. Monia Kenneth W. Dobie	10/173,902 06/17/2002	23546-07704	P1S-0044
				-	nase 4 Expression	yclin-Dependent Ki	Antisense Modulation of Cyclin-Dependent Kinase 4 Expression	Tiue: Antis
		•			Susan M. Freier, Kenneth Dobie	07/02/2002		
	07/02/02	0834	013075	1646	Nicholas M. Dean,	10/118,779	23546-07703	PTS-0042
						HIP-1 Expression	I Itle: Antisense Modulation of SHIP-1 Expression	Little: Antis
		,			Susan M. Freier	12/06/2001		
	12/06/01	0596	012360	1645	C. Frank Bennett	10/003,919	23546-07701	RTS-0256
				j		OD1 Expression	Antisense Modulation of NOD1 Expression	litle: Antis
		1			Mark P. Roach	12/05/2001		
	12/05/01	0990	012372	1645	Kenneth W. Dobie	10/006,883	23546-07700	RTS-0337
					ion	athepsin Z Express	Title: Antisense Modulation of Cathensin Z Expression	Title: Antis
	05/31/02	0945	012956	1633	Kenneth W. Dobie	10/159,266 05/31/2002	23546-07667	R1S-0398
	Recorded	Frame	Reel	Group Art Unit	Assignors	Application No. Assignors	AXUSY LLOCKETINO.	
186				CALS, INC.	ISISIPHARMACEUTICALS, INC.	Assignee Is		Raise No.
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Tiue: Anti	_	litle: Ant	RTS-0363	Title: Ant	_	Title: Ant	RTS-0299	litle: Ant		Title: Ant		Litle: And	P1S-0047	ISIS No.		
Antisense Modulation of G Protein-Coupled Receptor Kinase 6 Expression	23546-07712	Title: Antisense Modulation of Farnesyl Transferase Beta Subunit Expression	23546-07711	Antisense Modulation of Cyclin-Dependent Kinase 6 Expression	23546-07710	Title: Antisense Modulation of Isoprenylcysteine Carboxyl Methyltransferase Expression	23546-07709	Antisense Modulation for PCTAIRE Protein Kinase 2 Expression	23546-07708	Antisense Modulation of Hepatoma-Derived Growth Factor Expression	23546-07707	Litle: Antisense Modulation of Orphan G-Protein,	3546-07706	AMY Docket No.		
Protein-Coupled R	10/159,856 05/31/2002	arnesyl Transferase	10/144,488 05/10/2002	yclin-Dependent Ki	10/210/802 07/31/2002	soprenylcysteine Ca	10/159,834 05/31/2002	PCTAIRE Protein I	10/160,787 05/31/2002	epatoma-Derived (10/210,428 07/31/2002	Orphan G-Protein,	10/177/798 06/19/2002	Application No.	Assignees II	
eceptor Kinase 6 Ex	Susan M. Freier Kenneth W. Dobie	Beta Subunit Expre	Brett P. Monia Susan M. Freier	nase 6 Expression	Susan M. Freier Kenneth W. Dobie	rboxyl Methyltransf	Kenneth W. Dobie	Kinase 2 Expression	Andrew T. Watt	Frowth Factor Expre	C. Frank Bennet Kenneth W. Dobie		Brett P. Monia Kenneth W. Dobie	Assignors Group Art	Assignee ISISJPHARWAGEUTICALS, INC.	
pression	1633	ssion	1645		1632	erase Expression	1633		1643	ssion	1645		1645	Group Art Unit	ICALS, INC.	
	012974		012909		013168		12960		012971		013168		013058	Reel		I
	0419		0713		0717		0946		0952		0685		0389	Frame		
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	23546/01000/SF/5094758.2	23546/010						
					e2 Expression	oupled Receptor R	Title: Modulation of B Protein-Coupled Receptor Re2 Expression	Title: Modu
	11/11/02	0558 11	013504	1653	Ming-Yi Chuang Kenneth W. Dobie	10/293,998 11/11/2002	23546-07755	HTS-0026
				pression	Antisense Modulation of Thyroid Hormone Receptor Interactor 6 Expression	hyroid Hormone R	ense Modulation of T	Title: Antise
	11/08/01	0920 1	021370	1635	C. Frank Bennett Kenneth W. Dobie	10/008/789 11/08/2001	23546-07724	
						2X4 Expression	Title: Antisense Modulation of P2X4 Expression	Title: Antise
	07/01/02	0188 07	013087	1642	Kenneth W. Dobie	10/187,659 07/01/2002	23546-07717	RTS-0379
			ļ		0 n	EXRAS1 Expressi	Antisense Modulation of DEXRAS1 Expression	Title: Antis
	00/28/02	0000			Kennth W. Dobie	06/28/2002		
	700/00		013076	1635	Brett P Monia	10/185.035	23546-07716	RTS-0377
					SC 1 EAPT COSTOR	A A SHIRLY AND		
					so 1 Everocsion	AM Domain Kina	Antisense Modulation of LAM Domain Kinasa 1 Evaracion	Title: Antise
					Kenneth W. Dobie	07/18/2002		
	07/18/02	0001	013131	1645	Lex M. Cowsert	10/100,100	23546-07715	RTS-0375
				CH.	Se and the second second second			
		-		On	Title: Antisense Modulation of of G Protein-Coupled Recentor 49 Expression	f G Protein-Couple	ense Modulation of o	Title: Antis
	011/02			į	Susan M. Freier	07/17/2002		
	06/17/02	0593 0	013034	1642	Brett P. Monia	10/174,456	23546-07714	RTS-0374
				xpression	Title: Antisense Modulation of Hypothetical Tumor Endothelial Marker Expression	ypothetical Tumo	ense Modulation of E	Title: Antis
-	06/17/02	0086	013023	1040	Kenneth W. Dobie	06/17/2002		
				1646	Brett D Monio	10/174 020	23546-07713	RTS-0369
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	Recorded	Frame	Reel	Group Art Unit	Application No. Assignors Filing Dates	Alphication No.	ANILY LLOGISTINO.	काश ब्याबा
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